



0 1,500 3,000

1. Simulated concentrations from fate and transport groundwater model compared to measured concentrations obtained in 2005/2006.
2. Basemap from: "Remedial Investigation/ Feasibility Study Report Sauget Area 2", URS Corporation, St. Louis, Missouri, January 30, 2004.
3. The residual value plotted is the difference between simulated and measured values. Positive residuals indicate model overestimation while negative residuals indicate model underestimation.

## LEGEND

Well ID  
Residual in mg/L

Model Under Predicts by

■ > 2 mg/L

- 1.5 - 2 mg/L

◆ 1.0 - 1.5 mg/L

▲ 0.5 - 1.0 mg/L

+ up to 0.5 mg/L

Model Over Predicts by

■ > 2 mg/L

- 1.5 - 2 mg/L

◆ 1 - 1.5 mg/L

▲ 0.5 - 1 mg/L

- + up to 0.5 mg/L



GSI Job No.
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G-2935

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Revised:

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Scale: **As Shown**

Drawn By:	
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SKF/CDM

Reviewed By:	
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CJN

Approved By:	
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CJN

FIGURE 63

### Spatial Correlation Between Simulated and Measured Concentrations

#### 2,4-Dichlorophenoxyacetic Acid: Deep Hydrogeologic Unit (Layer 3 in Model)

REGIONAL GROUNDWATER FATE AND TRANSPORT MODEL  
American Bottoms Aquifer